



Hoosier Water Guardian Award Application 2007-2009

State Form 53248 (R / 5-07)



1. Mail Application and Attachments to the address within the box to the right.
2. Please label attachments according to their question number and part.

Indiana Department of Environmental Management

Drinking Water Branch – Ground Water Section

100 N. Senate Avenue

Indianapolis, Indiana 46204

Telephone: 317-308- 3308

Fax: 317-308-3339

CONTACT INFORMATION

Today's Date:

Community Public Water Supply Name:

PWS ID:

Phone Number:

Date Phase I Wellhead Protection Plan was Approved:

Date of the last Hoosier Water Guardian Award (eligible once every 5 years:)

AWARD APPLICATION INFORMATION

Background: Protecting drinking water at the source, before it enters a treatment plant, reduces costs to the consumer, improves the quality of life for surrounding ecosystems, and contributes to a healthier environment for everyone. Hoosiers everywhere are beginning to realize the importance of these efforts and are taking action. If your community has been involved in one or more activities over the past 5 years that furthers the protection of our waters for drinking water, IDEM wants to recognize you as one of our heroes, as a partner striving to improve our environment...as a "Hoosier Water Guardian!"

Please fill-out the portion of this application that applies to your community (depending upon size) by reviewing each question and checking all answers that describe your wellhead protection efforts over the past 5 years. If your community has an activity or accomplishment that is not listed, check "other" and provide a short description. Attach documentation, photos, and/or maps for any item that has not already been submitted to IDEM as part of either a Phase I or Phase II submittal.

Note: Part A is for public water supplies serving 3,300 people or less. Part B is for public water supplies serving 3,301 people or more.

Questions? Call IDEM at 317-308-3330.

If you are found to be eligible by IDEM to be a "Hoosier Water Guardian Community", do you want to receive (check one or more):

☐ A Metal 11" x 13" Sign with the Hoosier Water Guardian Logo that can be displayed outdoors in a prominent location, or

☐ A pack of Static Window Clings with the Hoosier Water Guardian Logo that can be displayed in entrances and windows of your City's offices and Work Areas ,or

☐ A CD with the "Hoosier Water Guardian" logo that can be used in developing stationery, flags, and displays, etc.?

PART A: FOR COMMUNITY WATER SUPPLIES SERVING 3,300 PEOPLE OR LESS

Question #1) Have you identified customers and/or members of your community who are concerned about the protection of your water supply? Are there others outside your community such as county environmental health staff, the solid waste management district, the soil conservation service or the agricultural community who will assist you? Who have you contacted? 327 IAC 8-4.1-4 Local Planning Team. For more information go to: [www.in.gov/ idem/programs/water/swp/whpp/locateteam.html](http://www.in.gov/idem/programs/water/swp/whpp/locateteam.html)

Response requires: an updated list of team members and their affiliation (along with a copy of the most recent meeting agenda or activity description)

Points for Consideration: *(Check all that apply)*

- ☐ We have two or more community members on our local planning team. We have conducted at least one public meeting/activity within the past 5 years. **(2 pts.)**
- ☐ We have three or more community members on our local planning team. We have conducted one or more activities/meetings within the past three years. **(3 pts.)**
- ☐ We have four or more community members on our local planning team including representatives of the surrounding county or regional environmental groups. We've had one or more meetings/activities within the past year. **(4 pts.)**
- ☐ Other. Describe and attach documentation.

Question #2) Do the owners/operators have a good understanding of where your water comes from and how vulnerable it is to potential contamination? Are there plans to include this information in your public outreach program? 327 IAC 8-4.1-7 Delineation. For more information go to: http://www.in.gov/dnr/water/ground_water/

Response requires: copies of maps, assessments, outreach materials and/or meeting agendas (local groundwater flow maps, or recent changes to delineated WHPAs and SWAs).

Points for Consideration: *(Check all that apply)*

- ☐ We have basic information, such as well depth and aquifer type included in our WHP plan. It is available to all residents upon request. **(2 pts.)**
- ☐ The name of the aquifer and a source water assessment is included in our WHP plan and summarized in our annual CCR or other public document that is distributed to community residents. **(3 pts.)**
- ☐ We have invited a speaker to a public meeting to educate residents on the local geology and the vulnerability of our water supply, or held an educational event within the past three years. **(4 pts.)**
- ☐ Other. Describe and document.

Question #3) Is your Potential Contaminant Source Inventory (PSI) up to date and prioritized? 327 IAC 8-4.1-8(3) Inventory of Potential Sources of Contamination. For more information go to: www.in.gov/ideM/programs/water/swp/resref.html

Response requires: A copy of the updated PSI map and table listing all potential sources along with information about the sources.

Points for Consideration: *(Check all that apply)*

- ☐ Our PSI inventory table and map are complete and up to date. **(2 pts.)**
- ☐ We have a detailed table and/or summary of potential sources by type and/or priority in our WHP plan. The status of each LUST listed is known and verified by IDEM staff. **(3 pts.)**
- ☐ Our PSI map and table are complete with additional information such as date of inspection, cleanup status, owner name, phone number, and Best Management Practices references along with GPS coordinates that can be shared with neighboring jurisdictions and GIS map layers. **(4 pts.)**
- ☐ Other. Describe and document.

Question #4) Is your wellhead safe from vandalism and accidental spills anywhere within the sanitary setback area? What could be done to provide additional protection? 327 IAC 8-4.1-8(4) (A) iii Management Plan. For more information go to: www.in.gov/ideM/programs/water/swp/whpp/phase2ideas.html

Response requires: a photo of each wellhead (and documents such as inspection records).

Points for Consideration: (Check all that apply)

☐ All of our wells have a locking cap and we conduct regular inspections. (2 pts.)

☐ All of our wells are located inside a locked well house building and we conduct regular inspections. (3 pts.)

☐ Our wellhead area is fenced with signs. Only employees have access. Inspection records are available upon request. (4 pts.)

☐ Other approach. Explain.

Question #5) Are protective measures in place to prevent contamination from transportation corridors located near the sanitary setback area? (Relates to 327 IAC 8-4.1-8(4)(A)iv Management Plan and <http://www.in.gov/idem/programs/water/swp/resref.html>)

Response requires: a map of your transportation corridors and copies of agreements with local parties responsible for maintaining them.

Points for Consideration: (Check all that apply)

☐ All transportation routes have been identified and minimum best management practices (BMPs) implemented. (2 pts.)

☐ Responsible parties and local emergency response planners have been notified in writing of BMPs for transportation corridors. A spill response plan has been established. (3 pts.)

☐ The fire department and spill responders have been provided with maps of storm and sanitary systems within the WHPA. All maps and procedures are updated regularly. (4 pts.)

☐ Other. Describe.

Question #6) Have you and/or the appropriate regulatory agency been involved with the sealing of abandoned wells, the cleanup of spills, and/or the removal of other potential sources of contamination within the wellhead protection area, i.e. leaking underground storage tanks, brownfield sites, or superfund sites? (Relates to 327 IAC 8-4.1-8(4)(B)(v) Abandoned Wells and http://www.in.gov/dnr/water/ground_water/faq.html)

Response requires: written documentation of activities in managing abandoned wells and/or potential sources, including site visits, drawings, photos, and an estimate of the amount of materials potentially removed from the capture zone for the highest ranking.

Points for Consideration: (Check all that apply)

☐ Our contaminant source inventory is complete and up to date. (2 pts.)

☐ One or more abandoned wells or contaminant sources have been identified and sealed or there are plans to address them in the very near future. (3 pts.)

☐ Our community has monitored cleanup activities at one or more sites, assisted in the removal of tanks, or participated in a spill response during the past five years. We have used this information to estimate how much potentially hazardous material (in pounds or gallons) has been prevented from contaminating our water. (4 pts.)

☐ Other. Describe.

Question #7) Are the surrounding property owners informed about the potential impact their activities could have on your water supply? Are there plans to increase this awareness? (Relates to 327 IAC 8-4.1-8(4)(B)(vii) Notification and www.in.gov/idem/programs/water/swp/whpp/phase2ideas.html)

Response requires: one copy of letter mailed to affected property owners.

Points for Consideration: *(Check all that apply)*

- ☐ We have at least one mailing documented in our WHP plan. **(2 pts.)**
- ☐ We have addresses of surrounding landowners in a database for future reference and updating. **(3 pts.)**
- ☐ More than one mailing or other educational outreach activity has occurred within the past 5 years or is planned in the near future. **(4 pts.)**
- ☐ Other. Describe.

Question #8) Have you distributed one or more brochures about: your water supply and it's vulnerability to contamination, BMPs to protect your water supply, or emergency actions to take in case of contamination of your water supply? (Relates to 327 IAC 8-4.1-8(4)(B)(ix) Public Outreach and www.in.gov/idem/programs/swp/resref.html)

Response requires: copies of the brochures or printed material distributed during public outreach activities.

Points for Consideration: *(Check all that apply)*

- ☐ We have distributed one brochure within the past five years. **(2 pts.)**
- ☐ We have distributed more than one brochure within the past five years. **(3 pts.)**
- ☐ We have distributed one or more brochures and held a public meeting with brochures available (either within the past five years or planned for in the near future). **(4 pts.)**
- ☐ Other. Describe.

Question #9) Do the community residents have access to recycling and safe disposal of household hazardous waste? Could these services be made available in the future? (Relates to 327 IAC 8-4.1-8(4)(B)(xi) Other Management Measures and <http://www.in.gov/recycle/topics/swmd/index.html>)

Response requires: confirmation from local solid waste management district.

Points for Consideration: *(Check all that apply)*

- ☐ Regular trash pick-up is available to residents in our WHPA. **(2 pts.)**
- ☐ Recycling plus trash disposal services are available to residents in our WHPA. **(3 pts.)**
- ☐ HHW collection, recycling, and regular trash disposal services are available to all residential properties located within the WHPA. **(4 pts.)**
- ☐ Other. Describe.

Question #10) Has your emergency response plan been updated within the past year? Past 3 years? (Relates to 327 IAC 8-4.1-8(5) Contingency Plan and <http://www.in.gov/dhs/> and <http://www.vulnerabilityassessment.org/products.php>)

Response requires: a copy of the community's emergency response plan.

Points for Consideration: *(Check all that apply)*

- ☐ Our emergency response plan, including alternate water supplies, contact names and phone numbers, has been revised within the past five years. **(2 pts.)**
- ☐ Our emergency response plan has been revised within the past three years. **(3 pts.)**
- ☐ Our emergency response plan, including a vulnerability assessment of critical equipment and the most likely threat, has been revised within the past 12 months and is updated annually. **(4 pts.)**
- ☐ Other. Describe.

Question #1) Is your Local Planning Team (LPT) representative of all sectors of your community, including the business, agricultural, governmental and educational institutions that support your community? Has it met and/or participated in an outreach activity within the past year? (Relates to 327 IAC 8-4.1-4 Local Planning Team and www.in.gov/ideM/programs/water/swp/whpp/locateteam.html.)

Response requires: an updated list of team members and their affiliation along with a copy of the most recent meeting agenda, activity description or minutes.

Points for Consideration: *(Check all that apply)*

- ☐ We have two or more sectors of the community represented on our LPT and we have conducted at least one meeting within the past five years. **(2 pts.)**
- ☐ We have three or more sectors represented on our LPT and we have conducted one or more activities/meetings within the past three years. **(3 pts.)**
- ☐ We have four or more sectors represented on our LPT and/or have been recognized by the National Groundwater Guardian program within the past 12 months for activities completed. **(4 pts.)**
- ☐ Other. Describe.

Question #2) Does your operator/owner has a good understanding of where your water comes from and how vulnerable it is to potential contamination? Are there plans to refine and improve this information? (Relates to 327 IAC 8-4.1-7 Delineation and http://www.in.gov/dnr/water/ground_water/)

Response requires: A brief written/oral description of the vulnerability of your system to contamination including: depth below surface, permeability of overlying materials, and local flow patterns (i.e. interaction with nearby river, lake, etc.) including any recent changes to your WHPA/SWA that demonstrates a high degree of understanding.

Points for Consideration: *(Check all that apply)*

- ☐ Our WHP plan includes a five year time of travel delineation. **(2 pts.)**
- ☐ Our WHP plan includes a 10 or 20 year time of travel zone for at least one of our pumping wells and we have updated all protection zones based upon current pumping configurations. **(3 pts.)**
- ☐ We have sentry (monitoring) wells installed between at least one pumping well and a potential source of contamination. **(4 pts.)**
- ☐ Other. Describe.

Question #3) Is your potential contaminant source inventory (PSI) up to date and prioritized? (Relates to 327 IAC 8-4.1-8(3) Inventory of Potential Sources of Contamination, and www.in.gov/ideM/programs/water/swp/resref.html, and www.in.gov/ideM/programs/water/swp/remediation.html)

Response requires: copy of the updated PSI map and table listing all potential sources.

Points for Consideration: *(Check all that apply)*

- ☐ The PSI table and map in our WHP plan are complete and up to date. **(2 pts.)**
- ☐ A detailed table and/or summary of sources by type or priority are included in our WHP plan. The status of each LUST listed has been verified by IDEM staff (or will be within the next 12 months.) **(3 pts.)**
- ☐ The PSI map and table are complete including additional information such as date of inspection, cleanup status, owner name and phone number or site visit along with GPS coordinates that can be added to GIS map layers. Potential sources are grouped and/or prioritized as the "most prevalent" and "most threatening". **(4 pts.)**
- ☐ Other. Describe.

Question #4) Is your wellhead safe from vandalism and accidental spills anywhere within the setback area? What could be done to provide additional protection? (Relates to 327 IAC 8-4.1-8(4)(A) Sanitary Setback Area and www.in.gov/idem/programs/water/swp/whpp/phase2ideas.html)

Response requires: a photo of every wellhead and documents pertaining to the existing and future plans for managing setback areas such as inspection records, etc.

Points for Consideration: (Check all that apply)

☐ All of our wells have a locking cap and we make routine inspections. (2 pts.)

☐ All of our wells are located in locked well house buildings and regular inspections are conducted. All security equipment is maintained. (3 pts.)

☐ Our wellhead area is fenced with signs or other security equipment. Inspection records are kept and are available upon request. (4 pts.)

☐ Other. Describe.

Question #5) Are protective measures in place to prevent contamination from transportation corridors located near the sanitary setback area? (Relates to 327 IAC 8-4.1-8(4)(A)iv Management Plan and <http://www.in.gov/idem/programs/water/swp/resref.html>)

Response requires: a map of your transportation corridors and copies of agreements with local parties responsible for maintaining them.

Points for Consideration: (Check all that apply)

☐ All transportation routes have been identified and minimum best management practices (BMPs) implemented. (2 pts.)

☐ Responsible parties and local emergency response planners have been notified in writing of BMPs for transportation corridors. A spill response plan has been established. (3 pts.)

☐ The fire department and spill responders have been provided with maps of storm and sanitary systems within the WHPA. All maps and procedures are updated regularly. (4 pts.)

☐ Other. Describe.

Question #6) Have you and/or the appropriate regulatory agency been involved with the sealing of abandoned wells, the cleanup of spills, and/or the removal of other potential sources of contamination within the wellhead protection area, i.e. leaking underground storage tanks, brownfield sites, or superfund sites? (Relates to 327 IAC 8-4.1-8(4)(B)(v) Abandoned Wells and http://www.in.gov/dnr/water/ground_water/faq.html)

Response requires: written documentation of activities in managing abandoned wells and/or potential sources, including site visits, drawings, photos, and an estimate of the amount of materials potentially removed from the capture zone for the highest ranking.

Points for Consideration: (Check all that apply)

☐ Our contaminant source inventory is complete and up to date. (2 pts.)

☐ One or more abandoned wells or contaminant sources have been identified and sealed or there are plans to address them in the very near future. (3 pts.)

☐ Our community has monitored cleanup activities at one or more sites, assisted in the removal of tanks, or participated in a spill response during the past 5 years. We have used this information to estimate how much potentially hazardous material (in pounds or gallons) has been prevented from contaminating our water. (4 pts.)

☐ Other. Describe.

Question #7) Are the surrounding property owners informed about the potential impact their activities could have on your water supply? Are there plans to increase this awareness? (Relates to 327 IAC 8-4.1-8(4)(B)(vii) Notification and http://www.in.gov/dnr/water/ground_water/faq.html)

Response requires: A brief description along with sample letters, brochures etc. showing how property owners were notified and or educated on groundwater protection practices. Include dates for any future notification efforts.

Points for Consideration: (Check all that apply)

- ☐ A paper copy of the letter, brochure and addresses is available. (2 pts.)
- ☐ A digital copy of the letter, brochure and addresses are in a database or GIS system for future reference, updating, and multiple mailings. (3 pts.)
- ☐ More than three mailings, site visits, or other educational outreach activity is planned in the near future or has taken place in the past five years. (4 pts.)
- ☐ Other. Describe.

Question #8) Have there been one or more articles in the local newspaper concerning the protection of your water supply within the past 5 years? Are there other media that you've included in your Public Outreach program? (Relates to 327 IAC 8-4.1-8(4)(B)(ix) Public Outreach and www.in.gov/idem/programs/swp/resref.html)

Response requires: copies of the newspaper articles or printed script for other public outreach activities, i.e., public service announcements.

Points for Consideration: (Check all that apply)

- ☐ There has been at least one newspaper article referring to our WHP plan within the past five years. (2 pts.)
- ☐ There has been more than one newspaper article referring to our WHP plan within the past five years. (3 pts.)
- ☐ There have been multiple newspaper articles plus radio, television, or other media carrying our ground water protection message within the past five years or we are planning a multi-media outreach event in the near future. (4 pts.)
- ☐ Other. Describe.

Question #9) Does your community provide recycling and safe disposal of household hazardous waste for all residential and commercial properties located within your wellhead protection area? (Relates to 327 IAC 8-4.1-8(4)(B)(xi) Other Management Measures and <http://www.in.gov/recycle/topics/swmd/index.html>)

Response requires: a list of the names and types of services available.

Points for Consideration: (Check all that apply)

- ☐ All residents within our WHPA have regular trash pick-up available. (2 pts.)
- ☐ Recycling plus trash disposal services are available within our WHPA. (3 pts.)
- ☐ HHW collection, recycling, and regular trash disposal services are available to all residential properties located within the WHPA. Special collections are held periodically. (4 pts.)
- ☐ Other. Describe.

Question #10) Have the water operator and wellhead protection team members been involved in a local emergency response training session or simulation within the past 5 years and is your emergency response plan up to date? (Relates to 327 IAC 8-4.1-8(5) Contingency Plan and <http://www.in.gov/dhs/> and <http://www.vulnerabilityassessment.org/products.php>)

Response requires: A list of names and dates when the training session or simulation took place along with a copy of your updated emergency response plan.

Points for Consideration: *(Check all that apply)*

- ___ Our community's WHPA map has been provided to our LEPC. **(2 pts.)**
- ___ Our LPT members are involved in LEPC training, the WHPA map has been distributed and included in LEPC training and our emergency response plan has been updated annually. **(3 pts.)**
- ___ One or more operators have received emergency response training. One or more simulations have been conducted within the past five years. **(4 pts.)**
- ___ Other approach. Explain.

FOR OFFICE USE ONLY — DO NOT FILL-IN

PWS ID # _____

Community Name: _____

Summary: 1 _____ 6 _____
2 _____ 7 _____
3 _____ 8 _____
4 _____ 9 _____
5 _____ 10 _____

Level A = 2
Level B = 3
Level C = 4
Other = 4

Totals: _____ + _____ = _____ /10 =

Initials: _____ Date: _____

Recommendation for Award(s):

Hoosier Water Guardian _____ 2.5 – 3.5

* With Distinction _____ 3.5 – 3.7

**With Outstanding Commitment _____ 3.8 – 4.0

National Groundwater Guardian _____ (attach forms)